

Serial No. 10/669,627

IN THE CLAIMS:

1. (Currently Amended) An opening and closing apparatus comprising:

a body portion including a gate;

a ~~elaser~~ closure provided at the body portion and capable of opening and closing the gate;

a first pressure sensor disposed along a peripheral edge of at least one of the gate and the ~~elaser~~ closure, the first pressure sensor including a curved portion;

a second pressure sensor disposed between the peripheral edge and the curved portion of the first pressure sensor; and

a control apparatus ~~which~~ that controls opening and closing of the ~~elaser~~ closure in accordance with operation of at least one of the first pressure sensor and the second pressure sensor.

2. (Currently Amended) The opening and closing apparatus of claim 1, wherein the control apparatus comprises a driver ~~which~~ that drives the opening and closing of the ~~elaser~~ closure.

3. (Currently Amended) The opening and closing apparatus of claim 1, wherein the control apparatus further comprises a controller ~~which~~ that controls driving for opening and closing the ~~elaser~~ closure.

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4. (Currently Amended) The opening and closing apparatus of claim 1, wherein the ~~eloser~~ closure is made to stop at a time of operation of at least one of the senser sensors.

5. (Currently Amended) The opening and closing apparatus of claim 1, wherein the ~~eloser~~ closure is driven in an opening direction at a time of operation of at least one of the senser sensors.

6. (Original) The opening and closing apparatus of claim 1, wherein the first pressure sensor comprises an insulative body including a hollow transverse cross-section, and at least two long cord form electrodes disposed in helical forms along an interior face of the insulative body so as to usually be non-conductive with one another.

7. (Original) The opening and closing apparatus of claim 1, wherein the second pressure sensor comprises a plate-form insulative body including a hollow transverse cross-section, and two sheet-form electrodes disposed at opposing interior faces of the insulative body so as to usually be non-conductive with one another.

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8. (Currently Amended) The opening and closing apparatus of claim 1, wherein the body portion includes a body of a vehicle, and the ~~eloser~~ closure includes a door.

9. (Currently Amended) The opening and closing apparatus of claim 1, wherein the ~~eloser~~ closure operates by swinging.

10. (Original) The opening and closing apparatus of claim 1 wherein the second pressure sensor is provided so as to approach both ends of the curved portion of the first pressure sensor.